

**Applicant Wireless Program – *WeCAN***  
***(Wireless Empowered Community Access Network)***

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***FCC EDU 2011 Pilot Program WC Docket No. 10-222***

Houston Public Library / HALAN IT  
BEN 141211  
500 McKinney St.  
Houston, TX 77002

**Enclosed:**

**Applicant Wireless Program Proposal Response Questions Per January 24, 2011,  
Correspondence (11 pages including cover page)**

## COST INFORMATION

- 1) The total cost for the wireless connectivity services requested for each entity (i.e. school or library) that is eligible for support.

The following cost information is based on the deployment of the community wireless broadband infrastructure, technical and programmatic costs associated with the program implementation. The table below provides cost information for eligible e-rate items associated with the program:

CATEGORY	# of Items	Frequency	Rate	Cost	Cost Per Entity
<b>WiFi Maintenance</b>	1 (controller)	Annual	\$2,500	\$2,500.00	\$13.44 annually/\$1.12 monthly
<b>WiMAX Maintenance</b>	10 (base stations)	Annual	\$12,000	\$120,000.00	\$645.16 annually/\$53.75
<b>CPE Pole/Power Use</b>	250 (poles)	Annual	\$125	\$31,250.00	\$168.01 annually/\$14.00 monthly
<b>Network Use ( PWE Backhaul Connectivity)</b>	186 (sites)	Monthly	\$12	\$26,784.00	\$144.00 annually/\$12 monthly
<b>Cabling/ Connectors (New CAL Establishment)</b>	160 (sites)	One Time	\$500	\$80,000.00	\$500.00/\$41.67 monthly (One time)
<b>Total Projected Cost</b>				<b>\$260,534.00</b>	<b>\$970.61 @ 26 sites; \$1470.44 @ 160 sites</b>



- 2) The separate allocation of costs for the requested services based on how much the service would be used on-premise versus off-premises.**

The services provisioned at each of the participating entities would be considered on-premise, thus, the costs are allocated as such.



## E-RATE DISCOUNT INFORMATION

### 3). The E-rate discount percentage that applies to each entity.

The primary filing entity is HPL/HALAN and that Billed Entity number is 141211. The discount rate for HPL/HALAN is 79% and equates to a 90% e-rate discount. The following chart outlines the participating entities – HPL digital inclusion partners, based on their mapping to a Houston Public Library and represents the percentage of students in our service area that are eligible for free and reduced lunch for the period of 2010-2011 and the corresponding e-rate discount\*:

Billed Entity #	FSCS #	Library	Urban (U) or Rural (R)	School District	% of Students Eligible for School Lunches	E-Rate Discounts %	Super Neighborhood	Digital Inclusion Entities**
88391	TX0099-011	Houston – Flores	Urban	HISD	79%	90%	Greater Eastwood	(2) Entities: 1. PRCC – Eastwood 2. PRCC Settegast
88401	TX0099-031	Houston - Smith	Urban	HISD	79%	90%	Greater Third Ward	(18) Entities:  1. CAL Advocate Legal Center 2. CAL East Side University Village Community Learning Center 3. CAL SHAPE Community Center 4. CAL Women's Resource Center 5. HHSMSC – Third Ward 6. HCC Central Library 7. PRCC Emancipation 8. (11) CALs - Includes



								qualified schools and community based organizations
88407	TX0099-007	Houston - Clayton	Urban	HISD	79%	90%	Midtown	(1) Entity: 1. HCC Coldwell Library
88436	TX0099-013	Houston - Heights	Urban	HISD	79%	90%	Greater Heights	(1) Entity: 1. HHSMSC West End
88456	TX0099-032	Houston - Stanaker	Urban	HISD	79%	90%	Second Ward	(15) Entities:  CALs - Includes 15 qualified schools and community based organizations
88471	TX0099-022	Houston - Melcher	Urban	HISD	79%	90%	Magnolia Park; South Park	(18) Entities:  1. PRCC Dezevala 2. PRCC Mason 3. HHSMSC Magnolia 3. (15) CALs - Includes 15 schools and community based organizations
88501	TX0099-030	Houston - Scenic Woods	Urban	North Forest ISD	80%	90%	Eastex Jensen Area	(16) Entities  1. PRCC Shady Lane 2. (15) CALs – Includes 15 schools and community based organizations



88508	TX0099-009	Houston - Dixon	Urban	HISD	79%	90%	Trinity/Houston Gardens	(2) Entities: 1. HHSMSC – Northeast 2. PRCC Lakewood
88526	TX0099-026	Houston - Oak Forest	Urban	HISD	79%	90%	Independence Heights	(16) Entities  1. PRCC Independence Heights  2. (15) CALs - Includes 15 qualified schools and community based organizations
88545	TX0099-010	Houston - Fifth ward	Urban	HISD	79%	90%	Greater Fifth Ward	(18) Entities:  1. CAL Julia C. Hester House 2. CAL Fifth Ward CRC 3. CAL Finnigan Community Center 4. CAL Kelly Village 5. HHSMSC Fifth Ward 6. PRCC Finnigan 7. PRCC Tuffly 8.(11) CALs – Includes qualified schools and community based organizations
88547	TX0099-033	Houston - Tuttle	Urban	HISD	79%	90%	Denver Harbor/Port Houston	(2) Entities: 1. HHSMSC Denver Harbor 2. PRCC Denver Harbor
88565	TX0099-036	Houston - Young	Urban	HISD	79%	90%	OST South Union	(15) Entities:  1. (15) CALs - Includes 15 qualified digital



								inclusion schools and community based organizations
88618	TX0099-017	Houston - Kashmere	Urban	HISD	79%	90%	Kashmere Gardens	(1) Entity: 1. HHSMSC Kashmere
88641	TX0099-028	Houston - Pleasantville	Urban	HISD	79%	90%	Pleasantville Area; Clinton Park Tri-Community	(1) Entity: 1. PRCC Clinton Park
88743	TX0099-034	Houston - Vinson	Urban	HISD	79%	90%	Central Southwest	(1) Entities: 1. HCC Willie Lee Gay Hall Library 2. HHSMSC South Post Oak
88769	TX0099-015	Houston - Johnson	Urban	HISD	79%	90%	Sunnyside	(17) Entities:  1. CAL Kipp Sunnyside High School 2. HHSMSC Sunnyside 3. PRCC Sunnyside 4. (14) CALs - Includes qualified schools and community based organizations
88865	TX0099-004	Houston - Alief	Urban	Alief ISD	79%	90%	Alief	(2) Entity: 1. HCC Southwest - Alief Library
88893	TX0099-025	Houston - Moody	Urban	HISD	79%	90%	Northline/Northside	(1) Entity: 1. HCC Northeast Library



88915	TX0099-018	Houston - Kendall	Urban	Spring Branch ISD	58%	80%	Spring Branch North	(1) Entity: 1. HCC Northwest Spring Branch Library
88925	TX0099-014	Houston - Hillendahl	Urban	Spring Branch ISD	58%	80%	Carverdale	(1) Entity: 1. PRCC Carverdale
88969	TX0099-021	Houston - Mancuso	Urban	HISD	79%	90%	Gulfgate/Riverview/Oine Valley	(1) Entity: 1. HCC Southeast Library
88982	TX0099-003	Houston - Acres Homes	Urban	Aldine ISD	86%	90%	Acres Homes	(18) Entities:  1. HCC Northeast (Pinemont) 2. HHSMSC Acres Homes 3. PRCC Lincoln 4. (15) CALs - 15 Includes qualified schools and community based organizations
224286	TX0099-039	Houston - Blue Ridge	Urban	Fort Bend ISD	35%	60%	Fort Bend	(1) Entity: 1. HCC Southwest (Fort Bend) Library
16042188	TX0099-043	Houston - SW Multiservice Center	Urban	HISD	79%	90%	Gulfton	(17) Entities:  1. CAL MultiCultural Alliance 2. CAL MultiCultural Alliance





							(Chateaux Carmel)
							3. CAL Family Road Literacy Center
							4. CAL SER Ninos Charter School
							5. CAL Friends for Life Charter School
							6. CAL Burnett Bayland Community Center
							7. CAL Community Family Centers
							8. HCC Southwest (West) Library
							9. HHSMSC Southwest
							10. (8) CALs – Includes 8 qualified schools and community based organizations

\*Source: National School Lunch Program: Children from families whose income is at or below the level shown on the following scale are eligible for either free or reduced-price meals:

\*\*Totals (186) locations which includes – (10) Houston Community College (HCC) Libraries, (11) Health & Human Services Multi-Service Centers (HHSMSC), (15) Parks and Recreation Community Centers (PRCC), (150) Community Access Locations (CALs)

## TOTAL REQUESTED SUPPORT

4). The total amount of support you seek under the EDU2011 pilot program (the product of the amounts from the previous two entries with the discount percentage applied separately to the on-premise versus off-premise use).

CATEGORY	# of Items	Frequency	Rate	Cost	Cost Per Entity	E-rate Discount Applied @ 88%*
<b>WiFi Maintenance</b>	1 (controller)	Annual	\$2,500	\$2,500.00	\$13.44 annually/\$1.12 monthly	\$1.61 annually/.\$13 monthly
<b>WiMAX Maintenance</b>	10 (base stations)	Annual	\$12,000	\$120,000.00	\$645.16 annually/\$53.75	\$77.42 annually/\$4.4 8 monthly
<b>CPE Pole/Power Use</b>	250 (poles)	Annual	\$125	\$31,250.00	\$168.01 annually/\$14.00 monthly	\$20.16 annually/\$1.68 monthly
<b>Network Use ( PWE Backhaul Connectivity)</b>	186 (sites)	Monthly	\$12	\$26,784.00	\$144.00 annually/\$12 monthly	\$17.28 annually/\$1.44 monthly
<b>Cabling/ Connectors (New CAL Establishment)</b>	160 (sites)	One Time	\$500	\$80,000.00	\$500.00/\$41.67 monthly (One time)	\$60.00 annually/\$5.00 monthly
<b>Total Projected Cost</b>				\$260,534.00	\$970.61 @ 26 sites; \$1470.44 @ 160 sites	\$116.47 annually @ 26 sites; \$176.45 \$ 160 sites



<b>Total discount applied</b>				\$31,260.00 (\$3,028.22 + \$28,232.00)
<b>Total Requested Support with discount applied</b>	<b>\$229,274.00</b>			

\*Average of e-rate percentages provided on response #3.